

**REMARKS**

Entry of this Amendment, reconsideration and withdrawal of all grounds of rejection, and allowance of the pending claims are respectfully requested in light of the remarks made herein.

Claims 3 and 10 have been canceled without prejudice. Claims 1, 4-7, and 9 are pending and stand rejected.

Claim 1 stands rejected under 35 USC 112, first paragraph, as failing to comply with the written description requirement. Claim 1 has been amended to recite that "the subscriber terminal is configured to request, from an authorization server using the Internet protocol gateway, one or more of a plurality of services..." As indicated by the Examiner support for this amendment can be found at least on page 3, lines 29-34, page 4, lines 29-32, page 5, lines 1-8 and page 5, lines 20-26.

With the amendments noted above, applicant believes that the reason for the examiner's rejection has been overcome. Applicant respectfully requests the rejection be withdrawn.

Claim 3 and 10 stand rejected under 35 USC 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the invention. Claims 3 and 10 have been canceled. Accordingly, the rejection stands moot.

Claims 1, 3-7 and 9-10 stand rejected under 35 USC 102(e) as being anticipated by Hrastar et al (U.S. Patent No. 6,272,150 B1).

Applicant respectfully disagrees with, and explicitly traverses, the examiner's reason for rejecting the claims.

Claim 1 recites;

1. Broadcast network comprising:
  - an information server coupled to an internet protocol gateway;
  - a plurality of subscriber terminals coupled to the internet protocol gateway, the subscriber terminals for receiving broadcast signals from the information server;
  - a return channel for transmitting information from a subscriber terminal to a head-end; and
  - authentication means coupled to an internet protocol gateway, the authentication means for authorizing the access of the subscriber terminal to interactive services,
  - wherein the subscriber terminal is configured to request, from an authorization server using the internet protocol gateway, one or more of a plurality of services, the authorization server configured to check the entitlement of the subscriber to the one or more of a plurality of services to be provided by the information server, and the authorization server is configured to enable the subscriber to access said one or more plurality of services, wherein each requested service can be authorized separately from the communications link used.

Hrastar teaches a cable data delivery system in which the downstream data delivery system is provided over an existing cable television distribution network and the upstream path from a subscriber is provided over a standard telephone line. See col. 3, lines 21-28. Applicants can find nothing in Hrastar that describes, teaches or implies the limitations of: "the authorization server configured to check the entitlement of the subscriber to the one or more of a plurality of services to be provided by the information server, and the authorization server is configured to enable the subscriber to access said

one or more plurality of services, *wherein each requested service can be authorized separately from the communications link used,*" as claimed in claim 1. Independent claims 5-7 recite similar limitations.

As indicated previously, the Examiner points to col. 9, lines 21-49 and col. 16, lines 37-61 to show the these limitations. Applicants respectfully note that in col. 9, lines 21-49 and col. 16, lines 37-61, Hrastar teaches a point-to-point protocol (PPP) link establishment. As noted the specification of the present invention, see page 1, line 19-24, a point-to-point (PPP), which is described in RFC 1661 and RFC 1994 is not suitable for providing for authentication and authorization for different services, because PPP only provides for authentication and authorization of a communication link.

As indicated in the Final Office Action, the Examiner has not addressed the limitation of "... wherein each requested service can be authorized separately from the communications link used." Applicants respectfully request the Examiner's reaction.

Thus, as provided above, Hrastar does not teach or imply the limitations of "the authorization server configured to check the entitlement of the subscriber to the one or more of a plurality of services to be provided by the information server, and the authorization server is configured to enable the subscriber to access said one or more plurality of services, *wherein each requested service can be authorized separately from the communications link use.*"

A claim is anticipated only if each and every element recited therein is expressly or inherently described in a single prior art reference. Hrastar cannot be said to anticipate the present invention, because Hrastar fails to disclose each and every element recited.

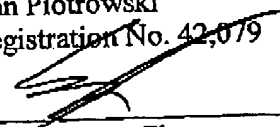
Having shown that Hrastar fails to disclose each and every element claimed, applicant submits that the reason for the examiner's rejection of the claim has been overcome and can no longer be sustained. Applicant respectfully requests reconsideration, withdrawal of the rejection and allowance of the claim.

With regard to claims 4 and 9, these claims depend from an independent claim discussed above, which have been shown to be allowable in view of the cited reference. Accordingly, claims 4 and 9 are also allowable by virtue of its dependence from an allowable base claim.

For all the foregoing reasons, it is respectfully submitted that all the present claims are patentable in view of the cited references. A Notice of Allowance is respectfully requested.

Respectfully submitted,

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